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Naturally-unfolded deep repair night care (W/O)

Claims:

Reduces inflammations and counteracts erythema development
Stimulates collagen synthesis and reduces wrinkles and fine lines
Enhances skin texture and helps to maintain skin youth
Enhances skin night repair processes
Helps to release stress
Supports wound healing and skin repair
Helps to repair the skin barrier and reduces skin dryness
Decreases the generation of melanin by inhibition of tyrosinase activity
Acts as an antioxidant and protects the skin from damage due to free radicals
Improves skin lightening, radiance and an even skin tone
Increases cell proliferation

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	Dermofeel® PGPR	Polyglyceryl-3 Polyricinoleate	Evonik	5,10
	Cupuacu Butter (deodorized) (7316)	Theobroma Grandiflorum Seed Butter	Selco	5,00
	Ascorbyl Tetraisopalmitate (7374)	Ascorbyl Tetraisopalmitate	Selco	2,00
	Ferulic Acid synthetic (5002)	Ferulic Acid	GfN	0,30
	Dermofeel® sensolv	Isoamyl Laurate	Evonik	8,00
	Sunflower Oil, high oleic, ref.	Helianthus Annuus Seed Oil	Henry Lamotte Oils GmbH	3,00
	Squalan ref.	Squalane	Henry Lamotte Oils GmbH	2,00
	Lanette® O	Cetearyl Alcohol	BASF	2,50
	Beeswax, white	Cera Alba	Henry Lamotte Oils GmbH	2,00
	Dermofeel® Go Soft	Polyglyceryl-2 Sesquioleate	Evonik	1,00
B	Polypon IPG	Isopropylidenediglycol	Polygon Chemie AG	5,00
	Resveratrol natural (7369)	Resveratrol	Selco	1,00
C	Deionised water	Aqua	/	40,65
	Blanova® Zinc Sulfate Heptahydrate EP	Zinc Sulfate	Azelis	1,00
	Glycerin 99,5% (GMO-free)	Glycerin	Cremer Oleo GmbH & Co.KG	2,00
	Dermosoft® 1388, ECO	Glycerin, Aqua, Sodium Levulinate, Sodium Anisate	Evonik	3,00
	Dermosoft® GMCY	Glyceryl Caprylate	Evonik	0,70
D	Deionised water	Aqua	/	10,00
	Glycerin 99,5% (GMO-free)	Glycerin	Cremer Oleo GmbH & Co.KG	5,00
	Adenosine (7370)	Adenosine	Selco	0,50
E	Lemongras essential oil	Cymbopogon Flexuosus Oil	Primavera	0,25
	Citric Acid Solution (10% in water)	Aqua, Citric Acid	/	q.s.
				100,00

Production Process:

- Heat phase A up to 80°C.
- Phase B: Dissolve Resveratrol natural in Polypon IPG and heat up to 80°C.
- Add phase B to phase A and adjust pH ~ 5,5 with citric acid solution (10%) if necessary.
- Phase C: dissolve Blanova® Zinc Sulfate Heptahydrate EP in water at room temperature. Add the other ingredients in the given order. Heat phase C up to 80°C.
- Add phase C very slowly to phase A/B under Ultra-Turrax® (4.000 rpm, 10 minutes). Homogenize until you get a smooth texture.
- Cool down to room temperature under stirring (paddle-mixer).
- Below 35°C add phase D and phase E under Ultra-Turrax® (4.000 rpm, ~10 minutes) and homogenize until you get a smooth texture.

Specification Values:

Appearance: white emulsion
pH-value: 4,5 – 5,5
Viscosity: 30.000 – 40.000 mPas, Spindle 2, 20 rpm
Stability: 1 months stable at RT, 5°C and 30°C
Microbiology: proven

Disclaimer:

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking suitability of our products for the envisaged purpose.